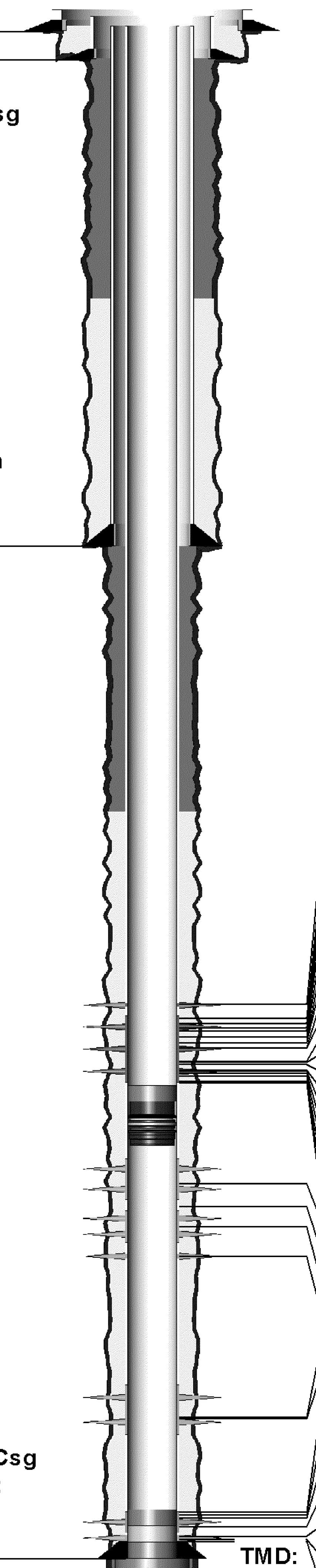


382-4G

Wellbore: ORIGINAL HOLE
PBMD: 6,780.0ft
Btm TMD: 7,510.0ft
Spud Date: 10/28/1948 00:00
BH Coord X: 6,145,224.21uss ft
BH Coord Y: 2,285,643.93uss ft

Casing Shoes (ft)	Schematic (1/27/2010)	Openings Top/Btm/Type/Status
38.0 218.0		<div><div>Wellbore Status: Inactive Producer</div><div>NO USDW PRESENT</div><div>Top of Injection Zone: B-Sand 6802'</div></div>
Sfc Csg TTOC: Sfc	Interm Csg TTOC: 1748'	Prod Csg TTOC: 5028'
7,507.0	TMD: 7510'	

PLUG BACK Report Date: 3/22/2002 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT BP-DR	6,780.0 6,790.0	6,790.0 6,792.0
PLUG BACK Report Date: 6/30/1993 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT FILL	6,930.0 7,144.0	7,144.0 7,450.0
PLUG BACK Report Date: 3/16/1949 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT	7,450.0	7,507.0
PLUG BACK Report Date: 3/13/1949 00:00		
Component	Top MD (ft)	Btm MD (ft)
CEMENT	7,507.0	7,510.0
ROD STRING Report Date: 1/26/2010 00:00		
Component	Top MD (ft)	Btm MD (ft)
POLROD	0.0	36.0
PNYROD	36.0	62.0
R-4PER	62.0	2,042.0
R-4PER	2,042.0	2,642.0
R OD	2,642.0	4,142.0
R OD	4,142.0	6,692.0
RSTBAR	6,692.0	6,696.0
INSPMP	6,696.0	6,697.0

CONDUCTOR CASING Report Date: 10/28/1948 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	26.000			9.0	38.0
SURFACE CASING Report Date: 12/26/1948 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	16.000	H-40	65.00	9.0	218.0
INTERMEDIATE CASING Report Date: 1/7/1949 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	10.750	J-55	45.50	9.0	61.0
CASING JOINT(S)	10.750	J-55	40.50	61.0	2,176.0
CASING JOINT(S)	10.750	J-55	45.50	2,176.0	3,330.0
PRODUCTION CASING Report Date: 3/13/1949 00:00					
Item	OD (in)	Grade	Wt. (ppf)	TopMD (ft)	BtmMD (ft)
CASING JOINT(S)	7.000	N-80	26.00	9.0	73.0
CASING JOINT(S)	7.000	N-80	23.00	73.0	6,086.0
CASING JOINT(S)	7.000	N-80	26.00	6,086.0	7,507.0

Well: 382-4G S/T/R: 4G/31S/24E

CASING CEMENT DETAIL

Sfc Csg. Cmt Vol: 472 cf
Hole Size: 22"
Casing Size: 16"
Top Job: No
Rtns to Sfc: No
TTOC: Sfc

Interm Csg. Cmt Vol: 944 cf
Hole Size: 15"
Casing Size: 10.75"
Top Job: No
Rtns to Sfc: No
TTOC: 1748'

Prod. Csg. Cmt Vol: 590 cf
Hole Size: 9.625"
Casing Size: 7"
Top Job: No
Rtns to Sfc: No
TTOC: 5028'

Liner Cmt Vol:
Hole Size:
Casing Size:
Top Job:
Rtns to Sfc:
TTOC:

Top of Injection Zone:
B-Sand 6802'

Volume Behind Pipe:
1.18 Yield Assumed
Theoretical Calculations (TTOC)
Apr 2012